

REMARKS

Reconsideration and allowance of the present patent application based on the foregoing amendments and following remarks are respectfully requested. By this Amendment, claims 1, 2 and 5 are amended, claim 15 is canceled without prejudice or disclaimer to the subject matter therein, and claims 16-17 are newly added. Support for the amendments to claims 1, 2 and 5 and new claims 16-17 may be found, for example, in the embodiments of the invention shown in FIGS. 4-7 and 10 and their corresponding descriptions. No new matter is added. After entry of this Amendment, claims 1-14 and 16-17 will remain pending in the patent application.

Applicants appreciate the Examiner's indication that claims 3, 5-6, 9-10 and 12 would be allowable if rewritten in independent form. Claim 5 is rewritten in independent form. Accordingly, Applicants respectfully submit that claim 5 is in condition for allowance. With respect to claims 3, 6, 9-10 and 12, Applicants respectfully submit that these claims are patentable at least for the reasons set forth below.

Claims 1, 2 and 15 were rejected under 35 U.S.C. §102(e) based on Asano *et al.* (U.S. Pat. No. 6,636,181) (hereinafter "Asano"). The rejection is respectfully traversed.

Claim 15 is canceled without prejudice or disclaimer, thus rendering moot the rejection of claim 15.

Claim 1 is patentable over Asano at least because this claim recites a high-frequency receiving unit comprising, *inter alia*, a casing configured to incorporate a high-frequency circuit which receives a high-frequency signal and a signal processing circuit which obtains at least one of a picture signal and a data signal from the received high-frequency signal; and an antenna configured to receive the high-frequency signal and to supply it to the high-frequency circuit, wherein, when the display is viewed from the front at an angle perpendicular thereto, the antenna is disposed in any one of a top surface, a bottom surface, a right side surface, a left side surface and a back surface of the casing and located on the back side of an intermediate position for dividing the casing into two portions in a direction of depth. Asano does not disclose, teach or suggest these features.

Asano discloses an image signal generator 108 arranged in a base unit part 101, an image signal processor 119 (identified as the "signal processing circuit" in the Office Action) arranged in a lid part 104, a first antenna 106 disposed at a joint 103 between the base unit part 101 and the lid part 104, and a second antenna disposed at the lower end of the lid part 104. (*See* col. 8, lines 5-65 and FIG. 9). However, unlike the invention of claim 1, Asano

fails to disclose, teach or suggest a high-frequency circuit which receives a high-frequency signal and an antenna configured to receive the high-frequency signal and to supply it to the high-frequency circuit. Applicants respectfully note that the Office Action has failed to identify which element in Asano corresponds to the high-frequency circuit of claim 1. Asano merely discloses that the image circuit generator 108 generates a high-frequency signal that is transmitted to the first antenna 106 via cable 107, and that the first antenna 106 transmits the high-frequency signal to the second antenna 109. (*See* col. 8, lines 33-51). It is respectfully noted that Asano is silent about transmitting high-frequency signals from an external device to a high-frequency circuit via an antenna.

Furthermore, Applicants respectfully submit that Asano is silent as to the arrangement of the antenna, as recited in claim 1. Specifically, Asano fails to disclose, teach or suggest a unit wherein, when the display is viewed from the front at an angle perpendicular thereto, the antenna is disposed in any one of a top surface, a bottom surface, a right side surface, a left side surface and a back surface of the casing and located on the back side of an intermediate position for dividing the casing into two portions in a direction of depth. As such, Asano does not disclose, teach or suggest each and every feature recited by claim 1 and, as a result, cannot anticipate claim 1.

Claim 2 is patentable over Asano for at least similar reasons as provided in claim 1 and for the additional features recited therein. Namely, claim 2 is patentable over Asano at least because this claim recites a high-frequency receiving unit comprising, *inter alia*, a casing configured to incorporate a high-frequency circuit which receives a high-frequency signal and a signal processing circuit which obtains at least one of a picture signal and a data signal from the received high-frequency signal; a plurality of antennas configured to receive the high-frequency signal and to supply it to the high-frequency circuit, wherein, when the display is viewed from the front at an angle perpendicular thereto, said plurality of antennas are disposed in any one of a top surface, a bottom surface, a right side surface, a left side surface and a back surface of the casing and located on the back side of an intermediate position for dividing the casing into two portions in a direction of depth. Asano does not disclose, teach or suggest these features. Therefore, Asano does not disclose, teach or suggest each and every feature recited by claim 2 and, as a result, cannot anticipate claim 2.

Accordingly, reconsideration and withdrawal of the rejection of claims 1 and 2 under 35 U.S.C. §102(e) based on Asano are respectfully requested.

Claims 4, 7-8, 11, 13 and 14 were rejected under 35 U.S.C. §103(a) based on Asano in view of Flint *et al.* (U.S. Pub. No. 2003/0222823 A1) (hereinafter “Flint”). The rejection is respectfully traversed.

Claims 4, 7-8, 11, 13 and 14 are patentable over Asano at least by virtue of their dependency from claim 2 and for the additional features recited therein. Namely, claims 4, 7-8, 11, 13 and 14 are patentable over Asano at least because these claims recite a high-frequency receiving unit comprising, *inter alia*, a casing configured to incorporate a high-frequency circuit which receives a high-frequency signal and a signal processing circuit which obtains at least one of a picture signal and a data signal from the received high-frequency signal; a plurality of antennas configured to receive the high-frequency signal and to supply it to the high-frequency circuit, wherein, when the display is viewed from the front at an angle perpendicular thereto, said plurality of antennas are disposed in any one of a top surface, a bottom surface, a right side surface, a left side surface and a back surface of the casing and located on the back side of an intermediate position for dividing the casing into two portions in a direction of depth. As mentioned previously, Asano fails to disclose, teach or suggest these features.

Flint fails to remedy the deficiencies of Asano. Flint merely discloses a portable device including a dual band-antenna that comprises a first element having a first resonant frequency and a second antenna having a second resonant frequency. (*See* paragraph [0012]). Therefore, unlike the inventions of claims 4, 7-8, 11, 13 and 14, the antennas in Flint operate at different frequencies. Flint is silent about a plurality of antennas configured to receive the high-frequency signal and to supply it to the high-frequency circuit.

Furthermore, Flint is silent about a unit wherein, when the display is viewed from the front at an angle perpendicular thereto, the plurality of antennas are disposed in any one of a top surface, a bottom surface, a right side surface, a left side surface and a back surface of the casing and located on the back side of an intermediate position for dividing the casing into two portions in a direction of depth. Flint merely discloses that the antennas are disposed on the metallic frame of the liquid crystal display in order to ground the antennas. (*See* paragraphs [0041]-[0042]). Therefore, any reasonable combination of Asano and Flint cannot result, in any way, in the inventions of claims 4, 7-8, 11, 13 and 14. As such, Applicants respectfully submit that claims 4, 7-8, 11, 13 and 14 are patentable over Asano, Flint and a combination thereof.

Furthermore, Applicants respectfully submit that there is no motivation to combine Asano and Flint. With respect to claims 4, 7-8 and 11, the Examiner relied on Flint as

allegedly teaching the deficiencies of Asano. However, the Examiner has failed to provide any motivation or suggestion to combine the cited references. The Examiner is respectfully requested to provide the required motivation or withdraw the rejection. (*See MPEP 2143*).

In addition, Applicants respectfully submit that there is no motivation to modify one of these references in view of the other. Asano merely relates to transmitting signal from one part of a unit to another part of the unit with two antennas (first emitting antenna 106 and second receiving antenna 109) that operate at a same frequency. By contrast, Flint relates to using two different antennas for communicating with an external device at different frequencies. Therefore, Applicants respectfully submit that one of ordinary skill in the art would not be motivated to modify one of these references in view of the other. In particular, one of ordinary skill in the art would not be motivated to apply Flint's teachings to Asano because the use of Flint's antenna would clearly alter the principle of operation of Asano's unit because the antennas 106 and 109 would be unable to communicate with each other. (*See MPEP §2145*).

Accordingly, reconsideration and withdrawal of the rejection of claims 4, 7-8, 11, 13 and 14 under 35 U.S.C. §103(a) based on Asano in view of Flint are respectfully requested.

Claims 16 and 17 are newly added and define additional subject matter that is novel and non-obvious over the art of record. Specifically, Applicants respectfully submit that claims 16 and 17 are patentable over the art of record at least by virtue of their dependency from claims 1 and 2, respectively, and for the additional features recited therein.

Applicants have addressed the Examiner's rejections and respectfully submit that the application is in condition for allowance. A notice to that effect is earnestly solicited.

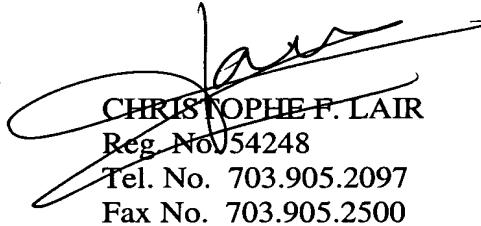
If any point remains in issue which the Examiner feels may be best resolved through a personal or telephone interview, please contact the undersigned at the telephone number listed below.

ASANO ET AL. -- 10/812,071  
Client/Matter: 008312-0309002

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



CHRISTOPHER F. LAIR  
Reg. No. 54248  
Tel. No. 703.905.2097  
Fax No. 703.905.2500

ERH/CFL  
P.O. Box 10500  
McLean, VA 22102  
(703) 905-2000